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AP - JP19820157099 19820908; JP19820157099 19820908

CPY - DIKI

- RIKA

DC - B06 P34

DR - 1534-U 1895-S

FS - CPI;GMPI

IC - A61M1/03

MC - B04-B04A B04-B04D B05-A01B B05-A03B B05-C04 B11-B B12-M11

M1 - [02] M423 M430 M782 M903 N164 Q508 R031 V751

- [03] M423 M720 M903 N164 V600 V614 V615

M2 - [01] A220 A540 A940 A980 C106 C108 C530 C730 C801 C802 C803 C805 C807
M411 M430 M782 M903 N164 Q508 R031

PA - (DIKI) DAIICHI KIGENSO KAGAKU K

- (RIKA) RIKAGAKU KENKYUSHO

PN - JP59046964 A 19840316 DW198417 004pp

- JP3022184B B 19910326 DW199116 000pp

PR - JP19820157099 19820908

XA - C1984-044262

XIC - A61M-001/03

XP - N1984-077327

AB - J59046964 Blood-clarifying material (I) is prepd. by encapsulating
Ca-ZrOCO₃ · nH₂O (II) using gelatin. (II) is obtd. by ion exchanging

Ca in amt. 0.01-0.80 mole per mole ZrOCO₃ in ZrOCO₃ · nH₂O (III).

- In the prepn. of (II), (III) is dispersed in water. To this was added
aq. soln. of ca. 5-10% calcium salt (e.g., CaCl₂). After standing Ca
was adsorbed on (III) at a Ca/ZrOCO₃ mole ratio of 0.01-0.80. To this
was added NH₄OH aq. soln. to adjust pH to 9.0-9.5. Resultant was
thoroughly washed with water, and dehydrated to give (II).

- When used in direct haemoperfusion, (I) can adsorb and remove P
selectively with little adsorption of Ca, without elution of Zr into
blood circulation and almost without change in blood pH.(0/0)

IW - BLOOD CLARIFY MATERIAL DIRECT HAEMO PERFUSION PREPARATION ENCAPSULATE
CALCIUM SUBSTITUTE ZIRCONYL CARBONATE GELATIN

IKW - BLOOD CLARIFY MATERIAL DIRECT HAEMO PERFUSION PREPARATION ENCAPSULATE
CALCIUM SUBSTITUTE ZIRCONYL CARBONATE GELATIN

NC - 001

OPD - 1982-09-08

ORD - 1984-03-16

PAW - (DIKI) DAIICHI KIGENSO KAGAKU K

- (RIKA) RIKAGAKU KENKYUSHO

TI - Blood clarifying material for direct haemo:perfusion - is prepd. by
encapsulating calcium-substd. zirconyl carbonate with gelatin